

Organization for Economic Co-operation and Development (OECD)
Summary of Presentation
February 3, 2020

Other Case Study Presenters:

1. Denmark – Using second-hand chemicals that have primarily been used as process chemicals in the pharmaceutical industry, Marianne Lyngsaae and Jakob Zeuthen, from Brenntag Nordic and Dansk Erhverv
2. Colombia – Transferring hazardous waste for re-use from one company to another, Diego Escobar Ocampo, Ministry of Environment Colombia
3. Germany – Management of construction and demolition waste containing asbestos, Michael Siemann, Ministry of Environment
4. Belgium – Safety and environmental impacts of rubber infill used in sport fields, Juan Pineros, Ministry of Health
5. Inland Empire Paper and Northwest Green Chemistry - Recycling of paper products contaminated with PCBs in the inks and pigments, Doug Krapas from Inland Empire Paper and Lauren Heine from Northwest Green Chemistry
6. UK - Interaction of the EU POPs Regulation requirements with the requirements of waste legislation for managing electronics and electrical waste, Max Folkett, DEFRA UK Government
7. Colombia – Defining the management of hazardous substances from electronics and electrical waste, Diego Escobar Ocampo, Ministry of Environment Colombia
8. Italy – Replacement of PVC in the use of medical devices and disposable items in hospital practice for the final management of waste, Federica Tomassi, ISS Italian Government

Summary of Presentation:

- Lauren Heine and Doug Krapas delivered a presentation entitled “*Recycling of Paper Products Containing PCBs in Inks and Pigments*” (see attached presentation) via Zoom conferencing to OECD in Paris, France on Monday, February 3rd between 06:00 to 07:00 AM PST during the Session 3, “Managing environmental, health and safety risks from the use of recycled materials containing hazardous substances.”
- There were about 120 delegates from countries around the world present.
- Doug presented on the first 6 slides and Lauren presented the balance focused on potential solutions.

Questions Received:

- Denmark – it is well known that PCB congeners differ in their bioaccumulation potential. Have you considered regulating PCB congeners in biota in lieu of water column?

Doug explained how water quality criteria is derived from computations that take into account fish consumption rates, and how WA is somewhat unique in that it does list water body impairments based on fish tissue concentrations. This included a discussion on the various fish consumption rates used to establish the recent WA HHWQC (175 g/day) and the Spokane Tribe’s HHWQC (865 g/day).

- Netherlands – made an editorial comment regarding the Spokane Tribes 865 gram/day fish consumption rate, stating that there are many other health concerns to consider with this much fish consumption besides PCBs. Another comment was made that emphasis should be placed on the industries producing these PCB containing products to resolve.

Doug responded that the inks and pigments industry has recently engaged with the work going on in WA and more specifically to the work in our Spokane River watershed. We are in the early stages of understanding each other's challenges, including a recent workshop of many stakeholders to gain a better understanding of the iPCB issues.

- UK – emphasized promotion of alternative products as one of the more viable and near term solutions.

Doug and Lauren were in agreement and discussed the recent successes such as the yellow road paint project, the iPCB workshop with all stakeholders (including inks and pigment manufacturers) and the ongoing green chemistry work of NWGC and the Department of Ecology.

Next Steps:

- Eeva Leinala, Ph.D., Principal Administrator, Environment Health and Safety Division, Environment Directorate
- Surprisingly quiet group in the end, but in talking to people afterwards they found there was a lot of food for thought.
- Develop a workshop report which will include the case studies.
 - Will circulate the report to all participants and speakers for their review.
 - It will then get published as a public document on the OECD website.
- Both the Chemicals Committee and the Working Party on Resource Productivity and Waste met later that week for their respective meetings.
 - Both expressed continuing interest in working together on issues at the chemical/waste interface but it is not immediately clear what that will entail as we did not get a strong signal at the workshop itself.